Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
196	LED Indoor Supplying of 2' feet - LED PVC Square Batten ..W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical condition LED light fighting 4' - 28 watts complete and as per the directions of the Engineer-in-charge of the work	Each	225	0.00	1800.00	0	0.00	1800.00	0.00	0.00	0
197	Supply of recess mounted rolling type LED square or round Down light 12 watts with 4/6W GU 10 LED Lamp Rib Fabricated from Die cast aluminum with white powder coated prewired to mains connector with suitable driver & having swiveling unit of aluminum die cast eye ball & LED Lamp position retained by circular wire spring. 5 years Warranty against any manufacturing defect working under standard electrical condition.	No	25	0.00	1900.00	0	0.00	1900.00	0.00	0.00	0
198	Supply of LED Square Recessed Down lighter with 18W System Wattage. Housing shall be with powder coated pressure die cast aluminum alloy with corrosion resistant polyester powder coat & with extended heat sink. Diffuser/cover made of Lexan plastic material. Rated life shall be L70 @ 50000 Hrs. which shall has inbuilt electrical protection like over/under voltage, short circuit, overload, open circuit & miswiring. Driver is on constant current driver output driver @ 0.06A with PF > 0.9 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens. 5 years Warranty against any manufacturing defect working under standard electrical condition.	No	40	0.00	5000.00	0	0.00	5000.00	0.00	0.00	0
199	60W highbay LED linear type light fixture make-crompton ,model -LHBL60CDI	No	80	0.00	8000.00	0	0.00	8000.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
200	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 100Amps	Each	6	0.00	400.00	0	0.00	400.00	0.00	0.00	0
201	Supplying of on load change over switches 4 poles, AC-23A Duty, 415V, 50Hz, AC Supply. 100-125Amps	Each	1	0.00	6800.00	0	0.00	6800.00	0.00	0.00	0
202	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE 125-160Amps 25kA.	Each	2	0.00	7500.00	0	0.00	7500.00	0.00	0.00	0
203	Supplying and fixing of Shunt trip suitable for MCCB.CBCT.	Each	3	0.00	1500.00	0	0.00	1500.00	0.00	0.00	0
204	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps SP	Each	85	0.00	420.00	0	0.00	420.00	0.00	0.00	0
205	40-63Amps DP	Each	6	0.00	1100.00	0	0.00	1100.00	0.00	0.00	0
206	40-63Amps TPN	Each	6	0.00	1100.00	0	0.00	1100.00	0.00	0.00	0
207	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door 12Way SP &N	Each	6	0.00	1700.00	0	0.00	1700.00	0.00	0.00	0
208	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.III - Double Door 4Way TP &N	Each	2	0.00	2400.00	0	0.00	2400.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
209	Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker [ELMCB] 240/450V up to 300mA sensitivity on existing wood/panel board. 32-40 Amps 2 pole	Each	6	0.00	2700.00	0	0.00	2700.00	0.00	0.00	0
210	32-40 Amps 4 pole	Each	1	0.00	2950.00	0	0.00	2950.00	0.00	0.00	0
211	63 Amps 4 pole	Each	1	0.00	3350.00	0	0.00	3350.00	0.00	0.00	0
212	Supplying, fixing and wiring earth leakage relay with core balanced current transformer suitable for single phase 50 Hz AC with latest microcontroller based, digital readout of percentage leakage current, programmable delay/auto/manual reset facility suitable to mount on DIN rail/ flush mounting on panel board.	Each	1	0.00	8000.00	0	0.00	8000.00	0.00	0.00	0
213	Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board.	Each	1	0.00	390.00	0	0.00	390.00	0.00	0.00	0
214	Supplying, fixing and wiring 0 to 100amps Direct Reading AC analog type Ammeter	Each	1	0.00	452.00	0	0.00	452.00	0.00	0.00	0
215	Supplying, fixing and wiring rotary selector switch suitable for Ammeter.	Each	1	0.00	172.00	0	0.00	172.00	0.00	0.00	0
216	Supplying, fixing and wiring rotary selector switch suitable for Voltmeter.	Each	1	0.00	150.00	0	0.00	150.00	0.00	0.00	0
217	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy.	Each	1	0.00	8000.00	0	0.00	8000.00	0.00	0.00	0
218	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C.	Each	3	0.00	442.00	0	0.00	442.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
219	Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 100Amps 4x30x6mm Aluminum Strips	Mtr	2	0.00	2135.00	0	0.00	2135.00	0.00	0.00	0
220	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40x40x6mm	Mtr	8	0.00	263.00	0	0.00	263.00	0.00	0.00	0
221	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. 14SWG	sq.cms	150000	0.00	0.37	0	0.00	0.37	0.00	0.00	0
222	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia	No	4	0.00	2727.00	0	0.00	2727.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
223	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.	No	4	0.00	4317.00	0	0.00	4317.00	0.00	0.00	0
224	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. GI strip 25x3mm	Mtr	50	0.00	77.00	0	0.00	77.00	0.00	0.00	0
225	600x600x3mm GI Plate	Each	8	0.00	784.00	0	0.00	784.00	0.00	0.00	0
226	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. 25x3mm Copper strip 25x3mm	Mtr	50	0.00	523.00	0	0.00	523.00	0.00	0.00	0
227	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 4 core 10 sqmm	Mtr	30	0.00	118.00	0	0.00	118.00	0.00	0.00	0
228	4 core 16 sqmm	Mtr	25	0.00	140.00	0	0.00	140.00	0.00	0.00	0
229	3.5 core 95 sqmm	Mtr	150	0.00	445.00	0	0.00	445.00	0.00	0.00	0
230	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 6 sqmm to 16 sqmm	Mtr	55	0.00	31.00	0	0.00	31.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
231	25 sqmm to 75 sqmm	Mtr	250	0.00	34.00	0	0.00	34.00	0.00	0.00	0
232	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete. In soil (ordinary)	Mtr	65	0.00	78.00	0	0.00	78.00	0.00	0.00	0
233	Asphalt cutting	Mtr	10	0.00	117.00	0	0.00	117.00	0.00	0.00	0
234	Providing and filling sand in excavated trench to cover already laid UG cable to a depth of 150mm all-round the cable.	Mtr	65	0.00	103.00	0	0.00	103.00	0.00	0.00	0
235	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) 25mm dia	Each	2	0.00	86.00	0	0.00	86.00	0.00	0.00	0
236	32mm dia	Each	2	0.00	122.00	0	0.00	122.00	0.00	0.00	0
237	Supplying and fixing 2mm thick perforated cable tray with powder coated paint on existing MS angle support using necessary GI bolts/nuts and washer or welding as required. 300x50mm	Mtr	10	0.00	547.00	0	0.00	547.00	0.00	0.00	0
238	Supply and laying double walled corrugated (DWC) HDPE Pipe including all necessary connecting Sockets/Couplings/Tees/Bends/End-caps of same materials in existing trench as per IS 14930 part -II suitable for drawing underground cables. 40mm OD / 32mm ID	Mtr	100	0.00	98.00	0	0.00	98.00	0.00	0.00	0
239	50mm OD / 38mm ID	Mtr	75	0.00	151.00	0	0.00	151.00	0.00	0.00	0
240	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 1.5 sqmm	Each	100	0.00	2.00	0	0.00	2.00	0.00	0.00	0
241	2.5 sqmm	Each	80	0.00	3.00	0	0.00	3.00	0.00	0.00	0
242	4 sqmm	Each	24	0.00	6.00	0	0.00	6.00	0.00	0.00	0
243	6 sqmm	Each	12	0.00	6.00	0	0.00	6.00	0.00	0.00	0
244	10 sqmm	Each	32	0.00	6.00	0	0.00	6.00	0.00	0.00	0
245	16 sqmm	Each	8	0.00	11.00	0	0.00	11.00	0.00	0.00	0
246	35 sqmm Long Barrel	Each	8	0.00	35.00	0	0.00	35.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
247	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. GI Wire 8 SWG	Mtr	200	0.00	19.00	0	0.00	19.00	0.00	0.00	0
248	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete. 15" Sweep (450mm)	Each	4	0.00	4500.00	0	0.00	4500.00	0.00	0.00	0
249	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. 48" Sweep (1200mm) REGULAR model	Each	23	0.00	2350.00	0	0.00	2350.00	0.00	0.00	0
250	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable. 2Pair	Rmt.	100	0.00	13.00	0	0.00	13.00	0.00	0.00	0
251	Supplying, erecting, testing & commissioning of OFF-LINE UPS system suitable for operation on 230V, 50Hz, A/C supply, with all accessories complete and Excluding batteries and wiring complete. 5 KVA OFF LINE UPS Two Hour back up Excluding 6x 150Ah batteries	Each	1	0.00	50000.00	0	0.00	50000.00	0.00	0.00	0
252	Supplying, installation, testing & commissioning of 12Volts ..AH batteries in poly propylene container for D.G. sets. Low maintenance batteries, plate type. 150AH capacity. Acid batteries	Each	6	0.00	20000.00	0	0.00	20000.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
253	Supplying, erection, testing and commissioning of .....KVA Diesel Generating Set on existing CC platform Comprising of Diesel Engine Developing ..... BHP @ 1500 RPM confirming to BS 5514.The engine should be turbocharged, Air/water cooled with 10 % over load for 1hour in every 12 hours of operation coupled to suitable capacity alternator rated at 415V, 0.8 PF(lag) 50 Hz, 3 phase, 4 wire system, confirming to BS 5000/IS 4722. The alternator shall be of brushless type ,Screen protected, revolving field, Mounted on suitable Channel Iron Base Frame, Complete with suitable capacity Fuel Tank, required nos. of Batteries of 12/24V as per requirement, Acoustic enclosure as per CPCB Approved Norms. 62.5kva/50kw	Each	1	0.00	570000.00	0	0.00	570000.00	0.00	0.00	0
254	Supply, Erection, testing and commissioning of AMF panel suitable for .....KVA DG set. The panel is of cubical type base/floor mounting control panel with hinged doors, undrilled bottom gland plate, aluminum Bus Bar with the accommodation for .....amps 4 pole contactor for alternator with thermal O/L relay,..... Amps 4 pole contactor for mains, HRC fuse for short circuit protection, Microprocessor based AMF module with supply failure timer, Restoration timer, 3 impulse automatic engine start/stop logic, Mains/generator voltage, ...capacity bypass switch and frequency sensing, PCC 1301 controller with water temperature/Lube oil pressure/ engine speed, Voltage/ampere/Frequency/ KVA, Running-hour count, No of starts, Fault indication, over /under speed, Fails to start, Low oil pleasure, High engine temperature, Under/over voltage, over current, Earth fault relay, with indications for Mains on, Load on Mains, Battery charger on Push buttons AMf module by pass Mode, Battery charger unit with inbuilt Auto/Manual and Flat/Boost facility Up to 62.5kva	Each	1	0.00	92400.00	0	0.00	92400.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
255	Supply , installation, testing and commissioning of Table top model chairman unit with gooseneck mic with ring LED and interconnection cable and out sockets for linking next unit with talk and priority switch aluminum/PVC housing and headphone sock	No	1	0.00	12400.00	0	0.00	12400.00	0.00	0.00	0
256	Supply, installation, testing and commissioning of, 9 core multistrand high gain low loss cable with required end connectors 10meter to connect between the delegate unit and controller including charges for labour, lead and lifts, loading and unloading	No	2	0.00	220.00	0	0.00	220.00	0.00	0.00	0
257	Supply, installation, testing and commissioning of compact ceiling speaker with Back Can power handling up to 6 watt RMS/ watt /100volt@ 1456 ohms single channel. selectable taping 5" LF driver and tweeter	No	5	0.00	1450.00	0	0.00	1450.00	0.00	0.00	0
258	Supply, installation, testing and commissioning of compact Wall mount speaker with power handling up to 40Watt RMS 0/100volt@ 1456 ohms single channel. selectable taping Specs: Power handling : 15 to 30 watt Frequency response : 80 Hz t0 18khz Spl:	No	4	0.00	6890.00	0	0.00	6890.00	0.00	0.00	0
259	Supply, installation, testing and commissioning of booster amplifier with power handling of 250 to 300 watt RMS 4ohms Dual and 100/70 volt output on bridge mode single channel Rack mountable Specs: frequency response : 20 htz to 20khtz	No	1	0.00	27550.00	0	0.00	27550.00	0.00	0.00	0
260	Supply, installation, testing and commissioning of 12Channel 12mic/line 2-4 Stereo input mixer with built in 3 to 4 band semi parametric eq 2 bus or 4 bus and 2 to 4 aux outs 2 stereo return. Specs: frequency response of 20 htz to 20 kHz with THD o	No	1	0.00	22000.00	0	0.00	22000.00	0.00	0.00	0
261	System Racks Supply, installation, testing and commissioning of 19" 20/15U 580 Depth system rack with Front glass door , back door with heavy duty wheels with cable manager and power strip and termination plates for signal and speaker out system.	No	1	0.00	12800.00	0	0.00	12800.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
262	Speaker Cables Supply, installation, testing and commissioning professional grade 2.5 sq mm TIN coated low loss 2 core multi strand Oxidation Free speaker cable including, lead and lifts, loading and unloading, cost of conveyance for all the materials with the accessories.	meter	750	0.00	38.00	0	0.00	38.00	0.00	0.00	0
263	Connectors and I/C Cables Supply, installation, testing and commissioning of professional grade audio connectors for inter connection cables with in the rack and other units as well auditorium as required including charges for labour, lead and lifts, loading and unloading, cost of conveyance for all the materials with the accessories required for completion as per the detailed specifications. Neutrick/SR/Amphenol/nT/MX/Equivalent.	Set	1	0.00	240.00	0	0.00	240.00	0.00	0.00	0
264	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. On wall / ceiling / Rafter / Girders	Each	386	0.00	98.00	0	0.00	98.00	0.00	0.00	0
265	Fixing a ceiling / wall mounting fan of all capacities and all types, with necessary clamps and 'S' hook made out of 15mm dia MS rod, with 5 amps. ceiling rose of approved quality with necessary length of 23 / 0.0076 inch PVC insulated twin twisted wire of approved quality, mounted on a suitable size wooden board and wired.	Each	23	0.00	237.00	0	0.00	237.00	0.00	0.00	0
266	Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts and 5 amps. ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire.	Each	4	0.00	412.00	0	0.00	412.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
267	Constructing brick **masonry circular type manhole 1.67 m** internal dia at bottom 1.67m deep and 0.56m dial at top with table moulded non-modular bricks of 50 class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and downsize granite metal and making necessary channel in cement concrete M 15 with 20mm and downsize granite metal finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560 mm internal diameter confirming IS:12592, total weight cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of machineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be seperately).	Nos	1	0.00	22815.00	0	0.00	22815.00	0.00	0.00	0
268	Providing cast iron footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, HOM of machineries complete as per specifications. specification no. KBS	Nos	10	0.00	248.00	0	0.00	248.00	0.00	0.00	0
269	Making connection of drain or sewer line of size 160 to 200mm external dia with existing manhole including breaking into and making good the walls, floors with cement concrete M 15 with 20mm and down size granite metal, cement plastered on both sides of mix 1:3, finished with a floating coat of neat cement and making necessary channels for the drain, including cost of materials, labour charges, HOM of machineries complete as per specifications.	M	10	0.00	2458.00	0	0.00	2458.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
270	Constructing brick masonry inspection chamber 600x600mm and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non- modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg) R.C.C top slab with cement concrete M 15 with 20mm and down size granite metal, foundation concrete M5 with 40mm and down size granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, HOM of machineries complete as per specifications.	Nos	4	0.00	9670.00	0	0.00	9670.00	0.00	0.00	0
271	Providing and fixing unplasticised PVC pipes 10.00 kg/sq.cm working pressure chemp plast/wavin or equivalent make with pipe fittings, clips, making good the floor , including cost of all materials, labour charges, HOM of equipment and testing complete as per specifications. do- with 90mm outer dia	m	75	0.00	519.00	0	0.00	519.00	0.00	0.00	0
272	do- with 110mm outer dia	m	65	0.00	743.00	0	0.00	743.00	0.00	0.00	0
273	do- with 160mm outer dia	m	50	0.00	1566.00	0	0.00	1566.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
274	Providing and fixing white vitreous china clay, **water closet europeon type** (pedestal type, p-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets , 40mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design,painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications.	Each	20	0.00	5540.00	0	0.00	5540.00	0.00	0.00	0
275	Providing and fixing white vitreous china clay,flat back or half stall **urinal basin** of size 580x380x350mm in the range of two with 7.5 litres P.V.C automatic flushing cistern, C.I / M.S brackets ,standard flush pipe and C.P brass spreaders with brass unions and G.I clamps, C.I trap with outlet grating and other couplings in C.P brass, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications.	Unit	10	0.00	8980.00	0	0.00	8980.00	0.00	0.00	0
276	Providing and fixing white vitreous china clay,flat back **wash basin** size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets ,32mm C.P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications.	Unit	12	0.00	4196.00	0	0.00	4196.00	0.00	0.00	0
277	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications.	Unit	4	0.00	1274.00	0	0.00	1274.00	0.00	0.00	0

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				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount

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				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
278	Providing and fixing C.P brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as per specifications.	Unit	4	0.00	845.00	0	0.00	845.00	0.00	0.00	0
279	do- white	Pair	20	0.00	302.00	0	0.00	302.00	0.00	0.00	0
280	Providing wash basin brackets of approved 1st qyuality and make confirming to ISI specifications and fixing for low down cistern as directed. Rate includes cost of materials and conveyance to work spot.	Pair	12	0.00	246.00	0	0.00	246.00	0.00	0.00	0
281	Providing pedestal for wash basin of approved 1st qyuality and make confirming to ISI specifications and fixing for low down cistern as directed. Rate includes cost of materials and conveyance to work spot.	Each	12	0.00	945.00	0	0.00	945.00	0.00	0.00	0
282	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.	Each	24	0.00	172.00	0	0.00	172.00	0.00	0.00	0
283	Providing **stoneware gully trap** of approved quality and make fixing in M-15 and plastering with CM 1:3 wherever necessary. (Rate includes cost of all materials, fixtures and lead). do- 15x15cms	Each	4	0.00	291.00	0	0.00	291.00	0.00	0.00	0
284	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe. - do - 110 mm dia	m	20	0.00	444.00	0	0.00	444.00	0.00	0.00	0
285	do- 160mm dia	m	60	0.00	896.00	0	0.00	896.00	0.00	0.00	0
286	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	2	0.00	262.00	0	0.00	262.00	0.00	0.00	0

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				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
287	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	32	0.00	172.00	0	0.00	172.00	0.00	0.00	0
288	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	2	0.00	441.00	0	0.00	441.00	0.00	0.00	0
289	25mm dia nominal bore	Each	1	0.00	632.00	0	0.00	632.00	0.00	0.00	0
290	32mm nominal bore	Each	3	0.00	1026.00	0	0.00	1026.00	0.00	0.00	0
291	40mm nominal bore	Each	2	0.00	1371.00	0	0.00	1371.00	0.00	0.00	0
292	65mm nominal bore	Each	1	0.00	2764.00	0	0.00	2764.00	0.00	0.00	0
293	Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore 300 mm length of PVC connection including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Set	12	0.00	284.00	0	0.00	284.00	0.00	0.00	0
294	Providing and fixing in position 40mm nominal bore non return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Nos	2	0.00	1549.00	0	0.00	1549.00	0.00	0.00	0
295	40mm dia	m	60	0.00	204.00	0	0.00	204.00	0.00	0.00	0
296	63mm dia	m	5	0.00	375.00	0	0.00	375.00	0.00	0.00	0
297	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 Litre capacity) as per IS 12701 1996.	Each	5	0.00	9144.00	0	0.00	9144.00	0.00	0.00	0

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				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
298	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for not and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) 15mm nominal OD pipes	m	5	0.00	140.00	0	0.00	140.00	0.00	0.00	0
299	20mm nominal OD pipes	m	45	0.00	226.00	0	0.00	226.00	0.00	0.00	0
300	25mm nominal OD pipes	m	40	0.00	270.00	0	0.00	270.00	0.00	0.00	0
301	32mm nominal OD pipes	m	60	0.00	334.00	0	0.00	334.00	0.00	0.00	0
302	Spplying ,Installing testing and commissioning **CP.** Health faucet (two in one) with flexible hose,CP Angle valve, wall flange, supporting hook with screws, fixing materials and sealant to all sides of wall flange complete.	Nos	20	0.00	1400.00	0	0.00	1400.00	0.00	0.00	0
303	supplying and Installing testing and commissioning **of approved make C P GRAB BAR 600 mm long ,** CP wall flanges, fixing materials, complete.	Nos	2	0.00	2100.00	0	0.00	2100.00	0.00	0.00	0
304	Supplying , installing, testing and commissioning U PVC **multi inlet floor trap** without CP grating including fittings required to connect the outlets from wash basin , kitchen sink or any other drain pipe conforming to IS with required supports with clamps in suspended piping , supporting the trap with clamps including anchor fasteners , nuts , bolts and washers all leads and lifts complete. a) 75 mm dia outlet for floor trap	Nos	24	0.00	500.00	0	0.00	500.00	0.00	0.00	0

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				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
305	Supplying,fabricating to the required length including support length and placing in position M S angle supports (to fix the watersupply and drainage lines) shafts with a coat of primer before erecting the clamps , fixed and aligned to level with anchor fasteners , bolts , nuts and washers , coat of primer and two coats of enamel paint after the erection of pipe lines with all leads and lifts complete. in vertical shafts	Kgs	25	0.00	85.00	0	0.00	85.00	0.00	0.00	0
306	at terrace level	Kgs	10	0.00	85.00	0	0.00	85.00	0.00	0.00	0
307	Supplying and placing in position heavy duty P V C currah with frame of below mentioned sizes including jointing and fixing material complete. a) 160 mm dia	Nos	4	0.00	1200.00	0	0.00	1200.00	0.00	0.00	0
308	supplying , installing in position (by ticing to reinforcement or welding to reinforcement) fabricated GI puddle flanges of required dia meter as specified below , with 6mm thick MS plates of size 150 mm x150 mm for pipe sizes up to 50 mm and MS plate protruding 100mm on all sides of the pipe for diameter of pipe 65 mm and above , with two coats of anticorrossive primer with threading / suitable flanges towards the pump connection side / valve connection side , with all leads and lifts comkplete. muncipal 32 mm dia	Nos	1	0.00	400.00	0	0.00	400.00	0.00	0.00	0
309	tanker 80 mm dia	Nos	1	0.00	800.00	0	0.00	800.00	0.00	0.00	0
310	over flow 100 mm dia	Nos	1	0.00	1100.00	0	0.00	1100.00	0.00	0.00	0
311	Heavy duty manhole cover 600 x 600	Nos	2	0.00	7000.00	0	0.00	7000.00	0.00	0.00	0
312	Air vent 80 mm dia	Nos	1	0.00	1000.00	0	0.00	1000.00	0.00	0.00	0
313	pvc rungs	Nos	16	0.00	300.00	0	0.00	300.00	0.00	0.00	0
314	pvc conduit 25 mm dia	Nos	1	0.00	20.00	0	0.00	20.00	0.00	0.00	0
315	outlet to oht 40 mm dia	Nos	1	0.00	600.00	0	0.00	600.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
316	Providing and constructing **water meter chamber** over a bed of P C C 1:4:8,in 200 mm thick solid block in C M 1:8, both internal and external plastering in C M 1:6, medium duty precast concrete cover with all leads and lifts, including curing complete. Size of chamber 750 X 750 x 600 mm clear	Nos	1	0.00	12000.00	0	0.00	12000.00	0.00	0.00	0
317	Providing and constructing inspection chamber **(for bore well)** with first quality table molded bricks of standard size in C M 1:6 over a P C C bed of 1 4 8 of 100 mm thick, internal surface plastered smooth and externally finished rough including providing P C C for channeling and providing pre cast slab of 100 mm thick with frame and cover including curing all leads and lifts fixing in position fiber coated steps etc., complete.	Nos	1	0.00	12000.00	0	0.00	12000.00	0.00	0.00	0
318	Making necessary arrangements to obtain the permission for the connection of sewage line to the BWSSB main line and obtaining connection for water supply (deposits and other incidentals shall be borne by the client).	LS	1	0.00	50000.00	0	0.00	50000.00	0.00	0.00	0
319	Supplying, installing, testing and commissioning approved make **submersible pump** made of C.I construction suitable for buildingapplication. Thequoted rate shall also include for providing necessary safety devices viz. dry runprotection, over load relays auto level controller with necessary cables etc., complete working on 3ph 440V,50Hz, three phase system For pumping treated water from UG Sump to OHT, vertical type - pump, horizontal distance - 40 mtrs, Vertical distance - 15 mtrs, Duty of the Pump, 3.0 lps at 40m head (1 W+ 1st.by = 1No set)	Set	1	0.00	50000.00	0	0.00	50000.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
320	Supplying, Installing testing and commissioning approved make **water level controller** with cabling in P V C conduit (3 core & multi strand copper wire 1.5 sq mm) and automatic water level indicator digital type, indicating the level of water in percentage	Nos	1	0.00	8000.00	0	0.00	8000.00	0.00	0.00	0
321	Length of cable	Rmt	50	0.00	90.00	0	0.00	90.00	0.00	0.00	0
322	Length of conduit	Rmt	50	0.00	40.00	0	0.00	40.00	0.00	0.00	0
E1	KSRRB 1100- Bored / Cast-in-situ R.C.C. piles KSRRB 1100-1. Bored / Cast-in-situ R.C.C. . piles with OPC cement design mix M20 @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 excluding reinforcement as per drawings including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 12	m	0	328.30	18671.44	6129834	0.00	18671.44	0.00	328.30	6129834
E2	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 7 mtrs.	Sqm	0	-	-	-	557.76	1055.21	588546.70	557.76	588547
E3	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	0	-	-	-	285.16	456.47	130165.59	285.16	130166